## AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

- 1 1. (Cancelled)
- 1 2. (Previously Presented) The apparatus of claim 9, wherein the slickline comprises a bore
- 2 through which the fiber optic line extends.
- 1 3. (Original) The apparatus of claim 2, further comprising another fiber optic line that
- 2 extends through the bore of the slickline.
- 1 4. (Previously Presented) The apparatus of claim 9, further comprising longitudinally-
- 2 extending support structures to add strength to the slickline.
- 1 5. (Original) The apparatus of claim 4, wherein the longitudinally-extending support
- 2 structures include support fibers.
- $1 \quad 6. 7.$  (Cancelled)
- 1 8. (Currently Amended) An apparatus for use in a well, comprising:
- 2 a slickline having a fiber optic line therein;
- a tool attached to the slickline, wherein the tool comprises a sensor; and
- a modulator to modulate optical signals to represent a well characteristic detected by the
- 5 sensor,
- 6 wherein the sensor comprises a casing collar locator, and
- 7 wherein the modulator comprises a reflective device and an element to modulate light
- 8 reflected from the reflective device to the fiber optic line.

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- 1 9. (Previously Presented) An apparatus for use in a well, comprising:
- 2 a slickline having a fiber optic line therein;
- a tool attached to the slickline, wherein the tool comprises a sensor; and
- a modulator to modulate optical signals to represent a well characteristic detected by the
- 5 sensor,
- 6 wherein the modulator comprises an obstacle and a reflective device, the obstacle and
- 7 reflective device movable with respect to each other to modulate the optical signals.
- 1 10. (Original) The apparatus of claim 9, wherein the obstacle and the reflective device have
- 2 at least two relative positions, the obstacle blocking at least a portion of reflected light from the
- 3 reflective device in response to the obstacle and the reflective device being at a first relative
- 4 position, and the obstacle to allow a greater amount of reflected light to pass from the reflective
- device to the fiber optic line in response to the obstacle and the reflective device being at a
- 6 second position.
- 1 11. (Original) The apparatus of claim 10, wherein the reflective device comprises a mirror.
- 1 12. (Original) The apparatus of claim 9, wherein the obstacle modulates an amount of
- 2 reflected light transmitted by the reflective device to the fiber optic line.
- 1 13. (Original) The apparatus of claim 12, wherein the reflective device is adapted to receive
- 2 transmitted light transmitted by an optical transmitter into the fiber optic line, and to reflect the
- 3 received light as the reflected light.
- 1 14. (Withdrawn, Currently Amended) The apparatus of claim 8, wherein the modulator
- 2 element comprises a spinner-to modulate the optical signals, and the reflective device is
- 3 connected to the spinner.
- 1 15. (Previously Presented) The apparatus of claim 9, wherein the tool is adapted to receive
- 2 an actuation command through the fiber optic line.

- 1 16. (Previously Presented) The apparatus of claim 9, wherein the slickline is adapted to
- 2 support a weight of greater than or equal to 500 pounds.
- 1 17. (Previously Presented) The apparatus of claim 9, wherein the slickline is a conveyance
- 2 structure without an electrical conductor to communicate power or data.
- 1 18. (Previously Presented) The apparatus of claim 9, wherein the slickline is a conveyance
- 2 structure that does not communicate power or data separate from the fiber optic line.
- 1 19. (Previously Presented) The apparatus of claim 9, wherein the tool comprises an optical
- 2 transmitter to transmit optical signals over the fiber optic line.
- $1 \quad 20. 21.$  (Cancelled)
- 1 22. (Currently Amended) An apparatus comprising:
- a conveyance structure for inserting or removing a tool into or out of a wellbore; [[and]]
- a fiber optic line extending through the conveyance structure;
- 4 the conveyance structure not being used to transmit power or data therethrough separate
- 5 from the fiber optic line,
- 6 wherein the conveyance structure comprises a conveyance tube,
- wherein the conveyance tube has a diameter less than about 0.5 inch[[,]];
- 8 a sensor coupled to the fiber optic line; and
- a modulator to modulate optical signals to represent a well characteristic detected by the
- sensor, the modulator comprising a reflective device and an element to modulate light reflected
- from the reflective device to the fiber optic line.
- 1 23. (Previously Presented) The apparatus of claim 22, wherein the conveyance structure
- 2 comprises a bore through which the fiber optic line extends.

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- 1 24. (Previously Presented) The apparatus of claim 22, further comprising another fiber optic
- 2 line disposed in the conveyance structure.
- $1 \quad 25. 26.$  (Cancelled)
- 1 27. (Previously Presented) An apparatus comprising:
- a conveyance structure for inserting or removing a tool into or out of a wellbore;
- a fiber optic line extending through the conveyance structure;
- 4 the conveyance structure not being used to transmit power or data therethrough separate
- 5 from the fiber optic line; and
- a modulator to modulate optical signals to represent an event associated with the tool,
- wherein the modulator comprises an obstacle and a reflective device, the obstacle and
- 8 reflective device movable with respect to each other to modulate the optical signals.
- 1 28. (Original) The apparatus of claim 27, wherein the obstacle modulates an amount of
- 2 reflected light transmitted by the reflective device to the fiber optic line.
- 1 29. (Original) The apparatus of claim 28, wherein the reflective device is adapted to receive
- 2 transmitted light transmitted by an optical transmitter into the fiber optic line, and to reflect the
- 3 received light as the reflected light.
- $1 \quad 30. -38.$  (Cancelled)
- 1 39. (Previously Presented) The apparatus of claim 9, wherein the obstacle comprises a
- 2 magnet.
- 1 40. (Previously Presented) The apparatus of claim 9, further comprising an actuator to move
- 2 at least one of the obstacle and reflective device in response to a predetermined condition in the
- 3 well.

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- 1 41. (Previously Presented) The apparatus of claim 40, further comprising a casing collar
- 2 locator, wherein the actuator receives data from the casing collar locator to move the at least one
- 3 of the obstacle and reflective device.
- 1 42. (New) The apparatus of claim 8, wherein the element comprises an obstacle that is
- 2 movable with respect to the reflective device.
- 1 43. (New) The apparatus of claim 22, wherein the element comprises an obstacle that is
- 2 movable with respect to the reflective device.